

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238030008-6

ONEGINA, A.B. [Oniechina, A.B.], kand. fiz.-mat. nauk

The constellation Ursa Major. Nauka i zhyttia 8 no.3:21-22  
(MIRA 12:9)  
Mr '58.  
(Ursa Major)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238030008-6"

ONEGINA, A.B.

Studying proper motions of stars in the vicinity of ten bright  
stars. Izv.Glav.astron.obser.AN URSR 2 no.2:23-86 '58.  
(MIRA 12:2)

(Stars--Proper motion)

PHASE I BOOK EXPLOITATION SOV/5466

Akademiya nauk Ukrayins'koyi RSR. Holovna astronomichna observatoriya.

Izvestiya. t. 3, vyp. 1 (News of the Main Astronomical Observatory. v. 3, no. 1) Kiyev, 1960. 141 p. 1,000 copies printed.

Editorial Board: Resp. Ed.: A. A. Yakovkin, Sh. G. Gordeladze, and I. G. Kolchinskiy; Ed. of Publishing House: N. M. Labinova; Tech. Ed.: A. A. Matveychuk.

PURPOSE: This book is intended for astronomers.

COVERAGE: This is a collection of 15 articles in the field of astronomy written by members of the Glavnaya astronomicheskaya observatoriya AN UkrSSR (Main Astronomical Observatory AS UkrSSR). The articles are based on original research carried out by the authors and discuss the following topics: the precise position of stars and the lesser planets; the total solar eclipse of June 30, 1954; corpuscular streams of solar radiation (theoretical analysis); phenomena of the moon's rotation (latest observations); luminescence

## News of the Main Astronomical (Cont.)

SOV/5466

of comet tails and the characteristics of comets observed in 1956-57. The collection includes a report of the Observatory's work in compiling a catalog of the brilliancy of stars, and a catalog of 300 stars in the constellation of Aquila. No personalities are mentioned. Each article is accompanied by references.

## TABLE OF CONTENTS:

Yakovkin, A. A. Determining the Function of the Moon's Inertia Moments From Kazan' Heliometric Observations	3
Onegina, A. B. Wide Pairs and Multiple Systems Determined by the Proper Motion of the Stars	15
Gorynya, A. A. Determining Constants of Physical Libration From Hartwig's Observations of 1890 to 1922, With a Consideration of the Effect of Libration in the Radius of the Moon	23
Card 2/4	

News of the Main Astronomical (Cont.)	SOV/5466
Gordeladze, Sh. G. Experiment With Tricolor Colorimetry in the Constellation of Aquila	36
Kolesnik, L. N. Photored Values of 240 Stars in Kapteyn Area No. 40	41
Lukatskaya, F. I. Study of the Polar Rays of the Corona of June 30, 1954	52
Voroshilov, V. I. Detailed Photometry of the Corona of June 30, 1954 in Photovisual Rays	57
Gurtovenko, E. A., Ye. I. Didychenko, and N. N. Semenova. Results of an Observation of Chromospheric Flares	67
Semenova, N. N. Excitation of Hydrogen and Helium Atoms in the Shell of $\beta$ Lyr [ $\beta$ Lyrae ]	74
Lukatskaya, F. I. Observations of the Comet Arend-Roland With Small Astrographs of the Main Astronomical Observatory AS UkrSSR Card 3/4	89

News of the Main Astronomical (Cont.)	SOV/5466
Cherednichenko, V. I. Role of Solar Corpusecular and Photon Radiation in the Flares of Brilliancy in Comets	94
Cherednichenko, V. I. Nature of the Luminescence of the Schwasamann-Wachmann 1925 II Comet	105
<u>Oneginia, A. B.</u> Precise Positions of Pallas (2)	115
Kheylo, E. S. Determining the Velocity of a Meteor With a Small Convergence Angle	119
Voroshilov, V. I., and Sh. G. Gordeladze. Tricolor Photometry of Stars in the Constellation of Aquila	126

AVAILABLE: Library of Congress

JA/dwn/jw  
9-6-61

Card 4/4

ONEGINA, A.B.

PHASE I BOOK INFORMATION

307/5721

Vsesoyuznaya astronomicheskaya konferentsiya

Trudy 14-y Astronomicheskoy konferentsii SSSR, Kiyev, 27-30 maya 1958 g.  
(Transactions of the 14th Astronomical Conference of the USSR, Held in Kiyev  
27-30 May 1958) Moscow, Izd-vo AN SSSR, 1960. 440 p. Errata slip inserted.  
1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Glavnoya astronomicheskaya observatoriya  
(Pulkovo).

Resp. Ed.: M. S. Zverev, Corresponding Member, Academy of Sciences USSR; Ed. of  
Publishing House: N. K. Zaytsev; Tech. Ed.: R. A. Zamaryeva.

PURPOSE: The book is intended for astronomers and astrophysicists, particularly  
those interested in astronomical research.

COVERAGE: This publication presents the Transactions of the 14th Astronomical  
Conference of the USSR, held in Kiyev 27-30 May 1958. It includes 27 reports  
and 55 scientific papers presented at the plenary meeting of the Conference

Card 2/16

## Transactions of the 12th Astronomical (Cont.)

SCW/5721

and at the special sectional meetings... An appendix contains the resolutions adopted by the Conference, the composition of the committees, the funds, and the list of participants at the Conference. A brief summary in English is given at the end of each article. Translations follow individual articles. The Presidium of the Astronomical Committee (Chairman N. S. Zverev), which supervised the preparation of this publication, expresses thanks to the members of the secretariat: V. M. Vasil'yev, I. G. Kol'chinskiy, A. B. Onegin, and Kh. I. Potter.

## TABLE OF CONTENTS:

Foreword	3
Address by A. A. Mil'chayev, Chairman of the Astronomical Council of the Academy of Sciences USSR	7

REPORTS OF THE ASTRONOMICAL COMMITTEE AND SUBCOMMITTEES  
INFORMATION ON ASTRONOMICAL WORK MAINTAINED BY VARIOUS INSTITUTIONS

Card 8/26

' Transactions of the 14th Astrometrical (Cont.)	SOV/5721
Yefimov, A. A., Yu. M. Otryashenkov, and L. A. Sukharev. Photo-electric Method for Reading the Circles of the Meridian Instruments	165
Fatchikhin, N. V. On Referencing the Stars to Galaxies	169
<u>Onegin, A. B.</u> The Precision of Measuring the Position of Galaxies With the 400-mm Astrograph at Goloseyovo	175
Chudovicheva, C. N. Results of Observations of Minor Planets at Pulkovo in the Period 1949-1958	179
Ye. Ya. Bugoslavskaya, and A. K. Sosnova. Application of the Electronic Digital Computer "Strela" in Some Problems of Astrometry	182
Kolchinskiy, I. G. Investigation of the Flickering of Star Images at the Goloseyovo Observatory	186

Card 9/16

ONEGINA, A.B.

Results of photographic observations of minor planets at the  
Main Astronomical Observatory of the Academy of Sciences of  
the Ukrainian S.S.R. (Goloseevo). Izv.Glav.astron.obser.AN USSR  
4 no.1:73-87 '61. (MIRA 14:10)  
(Planets, Minor—Observations)

ONEGINA, A.B.

Some results of the measurement of negatives obtained with a lens  
grating. Izv. Glav. astron. obser. AN URSR 4 no.2:2:24-31 '62.  
(MIRA 15:11)  
(Diffraction gratings) (Stars--Photographic measurements)

ONEGINA, A.B.

Results of photographic observations of asteroids. Izv. Glaz.  
astron. obser. AN URSR 4 no.2:57-62 '62. (MIRA 15:11)  
(Planets, Minor) (Astronomical photography)

L 47313-66 EWT(1) GY

ACC NR: AR6028397

SOURCE CODE: UR/0269/66/000/005/0020/0020

AUTHOR: Onegina, A. B.; Sereda, Ye. M.

35  
33  
B

TITLE: Determining the positions of Mars and Deimos at GAO AN UkrSSR

SOURCE: Ref. zh. Astronomiya, Abs. 5.51.151

REF SOURCE: Tr. 16-6 Astrometr. konferentsii SSSR, 1963, M.-L., Nauka, 1965, 75-79

TOPIC TAGS: photograph, planetary photograph, satellite photography, Mars, Deimos, Yarktur

ABSTRACT: For the simultaneous photography of Mars and Deimos with their surrounding stars, a square or hexagonal aperture was installed in front of the lens. Due to diffraction, a redistribution of intensity takes place in the image of the planet, radial rays appear perpendicular to the sides of the aperture and the background around the edge of the picture of Mars is weakened, where the image of the satellite is shown. In the beginning of 1963, approximately 50 photographs

Card 1/2

UDC: 522.61:523.43

L 47313-65

ACC NR: AR6028397

2

of Mars with this satellite were obtained by this method at GAO AN UkrSSR. In order to evaluate a possible systematic observation error, the average deviations of the arbitrary equations for Yarktur and 12 reference stars, obtained in the photographs during various positions of the telescope and the aperture were compared. The remaining deviations for Yarktur turned out to be practically the same as for the reference stars; this makes it possible to conclude that the aperture does not cause any systematic shift of the bright star on the photographic plate. It was proposed that the positions of the bright objects be measured on the YIM-22 equipment with the several intersecting hairlines in the microscope which are directed towards the diffraction rays. From five plates, 15 positions of Mars and Deimos were obtained in the Yel'skiy system of catalogues. The average probable error of one position, calculated according to reliability by the discrepancy of individual measurements is equal to  $\pm 0^{\circ} .007$  and  $\pm 0''.09$  in terms for  $\alpha$  and  $\delta$ , respectively. It is concluded that this method of determining the positions of bright point objects from ray measurements is satisfactorily accurate [Translation of abstract] ✓

[FM]

SUB CODE: 03/

Card 2/2 als

ONEGINA, N. N.

NOVIKOV, A.V.; GANINA, A.Z.; ONEGINA, N.N.; STULOVA, M.V.; AZAROVA, L.A.;  
DAN'KOVA, M.N.; OPOLCHEN'TSEVA, T.D.; SHIBAYEV, D.P.; ZHABYKO, Ye.O.;  
MINIKHA, A.G.; OVSYANKINA, Ye.I.; SAVENKOV, I.S., red.; SLEMZIN,  
A.A., red.; POMICHESV, P.M., tekhn.red.

[Economy of Kaluga Province; collected statistics] Natsionalnoe khoziaistvo Kaluzhskoi oblasti; statisticheskii sbornik. Moskva, Gos.stat.  
izd-vo, 1957. 142 p. (MIRA 11:6)

1. Kaluzhskaya oblast', Statisticheskoye upravlenie. 2. Statisticheskoye upravlenye Kaluzhskoy oblasti (for all except Savenkov, Slemzin, Pomichev) 2. Nachal'nik Statisticheskogo upravleniya Kaluzhskoy oblasti (for Savenkov) (Kaluga Province--Economic conditions--Statistics)

ONEGOV, A. P.

Author of an article "On the Toxicity of Several Field Hypomycetes of Clover Hay" (O Toksichnosti Nekotorykh Plesnevykh Gifomitsetov Klevernogo Sena)  
SO: Veterinariia; Vol. 26; No. 10; 11-43; Moskva; October 1949 Unclassified  
Trans. # 75 by L. Lulich [C75 46, 21 Aug 53, p. 70]

ONEGOV, A.P.  
CA

NE

Experimental B<sub>12</sub> and C hypovitaminosis in colts. A. P. ...  
Onegov, M. R. Lagunov, and M. V. Mitrofanov. *Vet-  
erinariya* 26, No. 12, 41-5(1989).—The hypovitaminoses  
develop slowly (3-4 months) and show 2 stages: con-  
cealed (latent) and clinically symptomatic; the former  
lasts about 3 months. Hemoglobin shows a steady de-  
cline, as does the no. of eosinophilic elements. Gastric  
secretion declines along with gastric acidity. Density of  
urine drops to 1.018 or lower and urine may contain CaCl<sub>2</sub>.  
Lactic and pyruvic acids increase in the blood, while  
serum protein declines. Urinary creatine and creatinine  
increase sharply, as does NH<sub>3</sub>. The blood alkali reserve  
declines while bilirubin rises. G. M. Kholopoff

ONEGOV, A. P., Prof.

ONEGOV, A. P.: (Professor)

LAGUNOV, M. R.: (Doctor of Veterinary Sciences) and

MITROFANOV, M. V.: (Kirov Agricultural Institute).

"Experimental B<sub>1</sub>- and C-hypovitaminosis in colts."

"HYGIENE OF AGRICULTURAL ANIMALS, Proceedings of the XXIX Plenum of the Veterinary Section of the Academy, P. 54, Moscow 1950, Trans. 191, by L. Julian. (unc)

ONEGOV, A. P., Prof.

Kirov Agricultural Institute.

"Concerning the toxicity of certain mold hyphomycetes of clover hay."  
SO: HYGIENE OF AGRICULTURAL ANIMALS, Proceedings of the XXIX Plenum of the Veterinary Section of the Academy, P. 70, Moscow 1950, Trans. 191, by L. Ulrich.

CNEGOV, A. P., Prof.

CNEGOV, A. P.: (Professor) and

KOZHIKHOVA, V. G.: (Kirov Agricultural Institute)

"Catathermometric indecies for ascertaining microclimate in farm animal quarters."  
SO: HYGIENE OF AGRICULTURAL ANIMALS, Proceedings of the XXIX Plenum of the Veterinary  
Section of the Academy, p. 129, Moscow 1950, Trans. 191, by L. Iulich.

ONEGOV, A.P., Prof.

"The role of the condition and external factors in the  
emergence of myoglobinuria in horses."

SO: Veterinaria 27(9), 1950, p. 45

ONEGOV, A. P.

"Myoglobinuria of Horses".  
Moscow. Sel'khozgiz. 1952. 62 pages with illustrations.  
SO: Vet., Nov. 1952, Unclassified.

CHEGOV, A. P.

CHEGOV, A. P. AND KRATUSHKIN, P. P. Zochyiline. Agricultural University. Moscow. House, 1952. 350 pages with illustrations. Price 5 rubles, C. Kopeka, Moscow. 50,000 copies. (Textbooks and School material for Higher Agricultural Technical Schools.)

So: Veterinariya; 30; (3); March 1953; bnd.1.  
TABCON

ONEGOV, A.P., professor.

Fodder should be carefully stored and properly utilized.  
Veterinariia 32 no. 9:10-13 S '55. (MLRA 8:12)

1. Kirovskiy sel'skohozyaystvennyy institut.  
(FEEDING AND FEEDING STUFFS)

ONE GOV A.R.

✓ "The white-muscle disease in calves. A. P. Oregov, M. P.  
Melnikov, and N. A. Glushkova (AKN Inst. Kirov)  
Vetnariya 33, No. 3, 55-6 (1956).—The so-called white-  
muscle disease in cows, calves, and pigs is enzootic, and is  
connected with deficiencies in Co, Cu, Mn and I; the vita-  
min A, B<sub>1</sub>, and C deficiency is a contributory factor.  
G. M. Kowdappaoff

3

ONEGOV, A. P.

The white-muscle disease in calves. A. P. Onegov, M. P. Mel'nikov, and N. A. Chumkova (All. Inst. Kiniy). Pervizariya 33, No. 3, 55-58 (1954). — The so-called white-muscle disease in cows, calves, and pigs is endemic, and is connected with deficiencies in Co, Cu, Mn and I; the vitamin A, B<sub>1</sub>, and C deficiency is a contributory factor. G. M. Kosolapoff. 3

USSR/Diseases of Farm Animals - Diseases of Undetermined  
Etiology

Abs Jour : Ref Zhur Biol., No 5, 1959, 21430

Author : Onegov, A.P.

Inst : Kirov Institute of Agriculture

Title : The Etiopathogenesis and Prophylaxis of Myoglobulinuria  
in Horses

Orig Pub : Tr. Kirovskogo s.-kh. in-ta, 1957, 12, No 24, 149-155

Abstract : The specific causes of myoglobulinuria (M) in horses  
have not been determined. A basic role in the etiology  
of this disease is played by insufficient feeding which  
is poor in vitamins (carotene, B<sub>1</sub>, C and E) and mineral  
substances. The development of the disease is promoted  
by hard work to which the animal is not accustomed, by  
colds, intoxication by fungi, castration, invasion, etc.

Card 1/3

USSR/Diseases of Farm Animals - Diseases of Undetermined  
Etiology

Abs Jour : Ref Zhur Biol., No 5, 1959, 21438

Two stages may be distinguished in the development of M:  
a latent stage and a stage of marked clinical symptoms.  
The transition from the first to the second stage progresses unevenly. Myoglobinuria does not occur in horses kept in herds or in those which receive green grass on pastures or in the stable regularly. Insufficient feeding results in functional disturbances of the nervous system which in turn produce extensive disturbances of the endocrine system and of metabolism. As a result, large amounts of insufficiently oxidized metabolism products accumulate in the organism of the sick animal. The nutrition of the muscular tissue is disrupted, its oxygen supply becomes sharply reduced. Inflammations or degenerations of the skeletal musculature, of the heart muscle, liver and kidneys take place. The decrease of conditioned reflex activity and the weakening of the organism's

Card 2/3

- 36 -

ONEGOV, Aleksey Petrovich, prof., doktor veterinarnykh nauk; USTIMENKO,  
L.P., red.; FYZZER, V.I., tekhn.red.; PEDOTOVA, A.Y., tekhn.red.

[Hygiene of farm animals] Gigiena sel'skokhoziastvennykh zhivotnykh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958. 470 p.  
(Veterinary hygiene) (MIRA 11:12)

ONEGOV, A.P., prof.

White muscle disease in young farm animals. Veterinariia 36 no.11:  
34-37 N '59  
(MIRA 13:3)

1. Kirovskiy sel'skokhozjajstvennyy institut.  
(Veterinary medicine) (Muscular dystrophy)

ALIKAYEV, Vladimir Aver'yanovich, dotsent, kand.veterin.nauk; ONEGOV,  
A.P., prof., doktor veterin.nauk; STAROV, T.K., dotsent, kand.  
biolog.nauk; USTIMENKO, L.P., red.; FIZZNER, V.I., tekhn.red.

[Course on practical veterinary hygiene] Praktikum po gigiene  
sel'skokhozistvennykh zhivotnykh. Izd.2., perer. i dop.  
Moskva, Gos.isd-vo sel'khoz.lit-ry, 1960. 295 p.  
(MIRA 13:11)

(Veterinary hygiene)

DOMRACHEV, Georgiy Vladimirovich, prof., zasluzh.deyatel' nauki RSFSR [deceased]; SHARABIN, I.G., prof.; SMIRNOV, S.I., prof.; CHAGIN, V.G., prof.; KLEYNBOK, Ya.I., prof.; LIAPUSTIN, A.K., prof.; SEMUSHKIN, N.H., prof. [deceased]; ONEGOV, A.P., prof.; KHRUSTALEV, S.A., prof. [deceased]; CHERKASOV, V.A., dotsent; SOLOVEY, A.S., red.; PROKOF'YEV, L.N., tekhn.red.

[Pathology and treatment of internal noninfectious diseases of farm animals] Patologiya i terapiya vnutrennikh nezarastrnykh boleznei sel'skokhoziaistvennykh zhivotnykh. Moscow, Gos.izd-vo sel'khoz.lit-ry, 1960. 503 p.  
(MIRA 13:11)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Domrachev).  
(Veterinary medicine)

ONEGOV, A.P., doktor veterin.nauk, prof.

Use of iodized sodium chloride in animal husbandry. Veterinarika  
37 no.7:69-71 Jl '60. (MIRA 1612)

1. Kirovskiy sel'skokhozyaystvennyy institut.  
(Veterinary physiology) (Iodine—Physiological effect)

ONEGOV, Aleksey Petrovich, prof., doktor veter. nauk; BUXSER,  
G.V., prof., retsenzent; VIL'NER, A.M., prof.,  
retsenzent; DREVLYANSKAYA, N.I., red.; SOKOLOVA,  
N.N., tekhn. red.

[Hygiene of farm animals] Gigiena sel'skokhoziaistven-  
nykh zhivotnykh. Izd.2., dop. i perer. Moskva, Sel'-  
khozizdat, 1963. 478 p. (MIRA 17:2)

ONEGOV, A.P., prof.

Usage of trace elements in feeding animals. Veterinariia 41 no.12:  
(MIRA 18:9)  
62-65 D '64.

1. Kirovskiy sel'skokhozyaystvennyy institut.

*End*

#

*396*